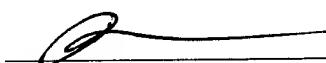


FORM PTO-1390U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 5-93)		ATTORNEY'S DOCKET NUMBER 9083-6
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 09/647,864
INTERNATIONAL APPLICATION NO. PCT/AU99/00263	INTERNATIONAL FILING DATE 9 April 1999	PRIORITY DATE CLAIMED 9 April 1998
TITLE OF INVENTION FLUID REGULATOR AND IMPROVEMENTS RELATED THERETO		
APPLICANT(S) FOR DO/EO/US Trevor CUNNINGHAM		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l).</p> <p>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. (courtesy copy enclosed.) c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11. to 16. below concern other document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input checked="" type="checkbox"/> Other items or information: Small Entity Statements; Request for Refund of Filing Fee</p>		

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.50) 09/647,864	INTERNATIONAL APPLICATION NO. PCT/AU99/00263	ATTORNEY'S DOCKET NUMBER 9083-6																																									
<p>17. [X] The following fees are submitted:</p> <p>Basic National Fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO \$860.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482). \$690.00</p> <p>No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$710.00</p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO. \$1000.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$96.00</p> <p>ENTER APPROPRIATE BASIC FEE AMOUNT = 1000.00</p>		CALCULATIONS PTO USE ONLY																																									
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [X] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p> <table border="1"> <thead> <tr> <th>Claims</th> <th>Number Filed</th> <th>Number Extra</th> <th>Rate</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>31-20 =</td> <td>11</td> <td>X \$18.00</td> </tr> <tr> <td>Independent Claims</td> <td>31-3 =</td> <td>28</td> <td>X \$80.00</td> </tr> <tr> <td>Multiple dependent claim(s) (if applicable)</td> <td></td> <td></td> <td>+ \$260.00</td> </tr> <tr> <td>TOTAL OF ABOVE CALCULATIONS =</td> <td></td> <td></td> <td>\$130.00</td> </tr> </tbody> </table> <p>Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).</p> <table border="1"> <thead> <tr> <th colspan="2">SUBTOTAL =</th> <th>\$65.00</th> </tr> </thead> <tbody> <tr> <td colspan="2">Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td>\$</td> </tr> <tr> <td colspan="2">TOTAL NATIONAL FEE =</td> <td>\$65.00</td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</td> <td>\$40.00</td> </tr> <tr> <td colspan="2">TOTAL FEES ENCLOSED =</td> <td>\$105.00</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2"></th> <th>Amount to be refunded</th> </tr> </thead> <tbody> <tr> <td colspan="2"></td> <td>charged \$</td> </tr> </tbody> </table>		Claims	Number Filed	Number Extra	Rate	Total Claims	31-20 =	11	X \$18.00	Independent Claims	31-3 =	28	X \$80.00	Multiple dependent claim(s) (if applicable)			+ \$260.00	TOTAL OF ABOVE CALCULATIONS =			\$130.00	SUBTOTAL =		\$65.00	Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$	TOTAL NATIONAL FEE =		\$65.00	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$40.00	TOTAL FEES ENCLOSED =		\$105.00			Amount to be refunded			charged \$	
Claims	Number Filed	Number Extra	Rate																																								
Total Claims	31-20 =	11	X \$18.00																																								
Independent Claims	31-3 =	28	X \$80.00																																								
Multiple dependent claim(s) (if applicable)			+ \$260.00																																								
TOTAL OF ABOVE CALCULATIONS =			\$130.00																																								
SUBTOTAL =		\$65.00																																									
Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$																																									
TOTAL NATIONAL FEE =		\$65.00																																									
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$40.00																																									
TOTAL FEES ENCLOSED =		\$105.00																																									
		Amount to be refunded																																									
		charged \$																																									
<p>a. [X] A check in the amount of \$105.00 to cover the above fees is enclosed.</p> <p>b. [] Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0220.</p>																																											
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>																																											
<p>SEND ALL CORRESPONDENCE TO:</p> <p>David D. Beatty Myers Bigel Sibley & Sajovec Post Office Box 37428 Raleigh, North Carolina 27627</p> <p>"Express Mail" mailing label number EL481795993US Date of Deposit: January 10, 2001</p> <p>I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to BOX PCT, Commissioner for Patents, Washington, DC 20231.</p> <p>Meredith Schuessler Date of Signature: January 10, 2001</p> <p> SIGNATURE</p> <p>DAVID D. BEATTY REGISTRATION NUMBER 38,071</p>																																											

DOCKETED
By *[Signature]*
Date *[Signature]*



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: ASSISTANT COMMISSIONER FOR PATENTS
Box PCT
Washington, D.C. 20231

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/647864	CUNNINGHAM	T 9083-6
INTERNATIONAL APPLICATION NO.		
PCT/AU99/00263		
I.A. FILING DATE		PRIORITY DATE
09 APR 99		09 APR 98
DATE MAILED: 19 DEC 2000		

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

- The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as
 - a Designated Office (37 CFR 1.494),
 - an Elected Office (37 CFR 1.495):
 - U.S. Basic National Fee.
 - Copy of the international application in:
 - a non-English language.
 - English.
 - Translation of the international application into English.
 - Oath or Declaration of inventors(s) for DO/EO/US.
 - Copy of Article 19 amendments.
 - Translation of Article 19 amendments into English.
 - The International Preliminary Examination Report in English and its Annexes, if any.
 - Translation of Annexes to the International Preliminary Examination Report into English.
 - Preliminary amendment(s) filed 06 OCT 2000 and _____.
 - Information Disclosure Statement(s) filed _____ and _____.
 - Assignment document.
 - Power of Attorney and/or Change of Address.
 - Substitute specification filed _____.
 - Verified Statement Claiming Small Entity Status.
 - Priority Document.
 - Copy of the International Search Report and copies of the references cited therein.
 - Other:
- The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:
 - Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
 - The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
 - Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
 - Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
 - The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
 - Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).
- Additional claim fees of \$ _____ as a large entity small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due. See attached PTO-875.

ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY 21 OR 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

- Translation of the Annexes MUST be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.
- The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

A copy of this notice MUST be returned with this response.

Enclosed:

PCT/DO/EO/917
 PTO-875

Notice of Defective Translation

FORM PCT/DO/EO/905 (December 1997)

Paulette Kidwell, Paralegal

Telephone: 703-305-3656

Attorney's Docket No. 9083-6

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: **Trevor Cunningham**

Serial No.: **09/647,864**

Filed: **October 6, 2000**

For: **Fluid Regulator and Improvements Related Thereto**

Date: January 10, 2001

Box PCT
Commissioner for Patents
Washington, DC 20231

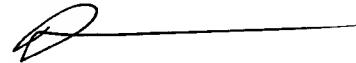
REQUEST FOR REFUND OF FILING FEE

Sir:

The above-referenced patent application was mailed on October 6, 2000, along with the fees associated with filing as a large entity. Submitted herewith are two verified Small Entity Statements for the above-referenced application. Pursuant to the submittal of these Statements, the Applicant hereby respectfully requests a reduction of the filing fee by one half. Please refund our Deposit Account No. 50-0220 in the amount of \$1,719.00.

If we can be of further assistance in this matter, please feel free to contact the undersigned.

Respectfully submitted,


David D. Beatty
Registration No. 38,071

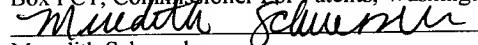
Myers Bigel Sibley & Sajovec
Post Office Box 37428
Raleigh, NC 27627
Telephone (919) 854-1400
Facsimile (919) 854-1401

CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. **EL481795993US**

Date of Deposit: **January 10, 2001**

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box PCT, Commissioner For Patents, Washington, DC 20231.


Meredith Schuessler

Date of Signature: January 10, 2001